faital PRO PROFESSIONAL LOUDSPEAKERS

6PR130

6" - 200 W - 101 dB - 8 Ohm



NOMINAL SPECIFICATIONS

Nominal Diameter	160 mm (6 in)
Overall Diameter	186.5/162 mm (7.34/6.37 in)
Bolt Circle Diameter	172 mm (6.77 in)
Baffle Cutout Diameter	147 mm (5.79 in)
Depth	74 mm (2.91 in)
Flange and Gasket Thickness	9 mm (0.35 in)
Net Weight	**0.82 kg (1.8 lb)**
Shipping Box (Single Carton Box)	190 x 185 x 103 mm (7.5 x 7.3 x 4.1 in)
Shipping Weight	1.2 kg (2.6 lb)

PART NUMBER

Push Terminals - 8 Ohm Version	01604435

TECHNICAL PARAMETERS

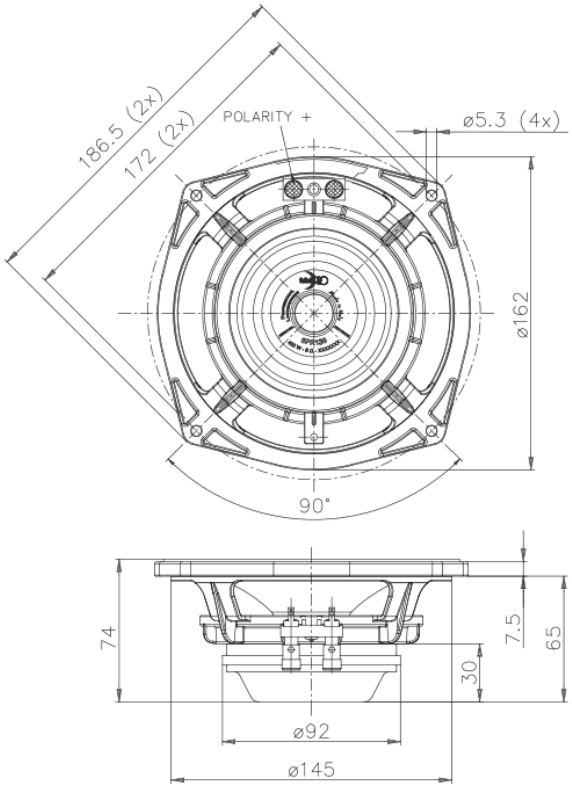
Nominal Impedance	8 Ohm
Minimum Impedance	6.2 Ohm
AES Power Handling **(1)**	200 W
Maximum Power Handling (2)	**400 W**
Sensitivity (1W/1m)	**101 dB**
Frequency Range	200÷5000 Hz
Voice Coil Diameter	**44 mm (1.7 in)**
Winding Material	Al
Former Material	Glass Fiber
Winding Depth	11.2 mm (0.44 in)
Magnetic Gap Depth	**6 mm (0.24 in)**
Flux Density	1.7 T
Magnet	Neodymium Ring
Basket Material	Aluminum
Demodulation	Aluminum Ring
Cone Surround **(3)**	Raised planar
NET Air Volume filled by Loudspeaker	0.30 dm^3 (0.011 ft^3)
Spider Profile	1x constant height waves

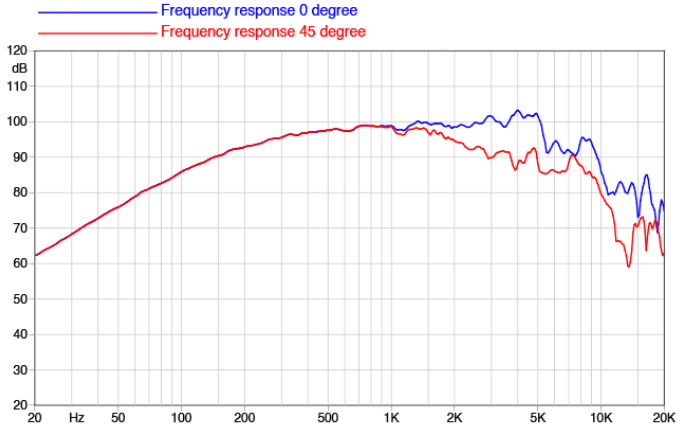
THIELE & SMALL PARAMETERS

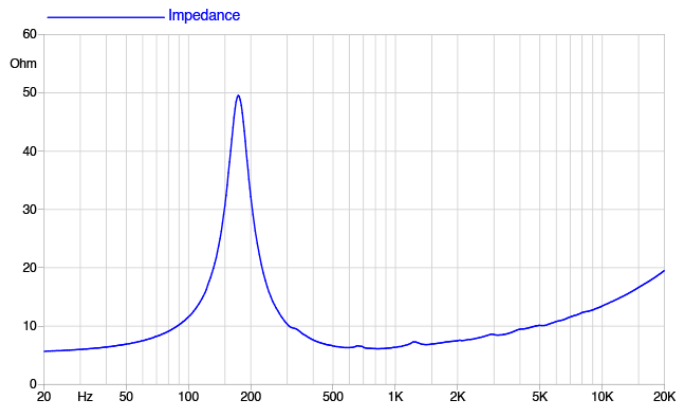
Fs	175 Hz
Re	5.2 Ohm
Qes	0.57
Qms	3.1
Qts	0.48
Vas	4.2 dm^3 (0.15 ft^3)
Sd	147.95 cm^2 (22.93 in^2)
Xmax **(4)**	4.60 mm
Xdamage **(5)**	5.25 mm
Mms	12.0 g
Bl	11.4 N/A
Le	0.17 mH
Mmd	10.0 g
Cms	0.07 mm/N
Rms	4.3 kg/s
Eta Zero	2.07 %
EBP	307 Hz

NOTES:

(1) 2 Hours Test According to AES 2-1984 Rev. 2003
(2) Maximum power is defined as 3dB greater than nominal power.
(3) NBR (Rubber)
(4) Xmax= [(winding depth - magnetic gap depth)/2] + (magnetic gap depth/3)
(5) Maximum excursion before permanent damage







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